

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL AND FIELD MAINTENANCE
REPAIR PARTS AND SPECIAL TOOL LISTS

FOR

BAYONET-KNIVES M4, M5, M5A1, AND M6 AND
BAYONET-KNIFE SCABBARD M8A1

Headquarters, Department of the Army, Washington 25, D. C.

20 February 1961

SECTION I.

PREFACE

I. General

a. This manual is a list of items required or authorized for operator, organizational and field maintenance for bayonet-knives M4, M5, M5A1, and M6 and bayonet-knife scabbard M8A1.

b. For first echelon, this list contains major items authorized per tables of equipment.

c. For second echelon, this list contains all items required or authorized for organizational maintenance. Items having allowances must be on hand or on order at all times in the quantities determined in accordance with paragraph 3*g*.

d. For third echelon, this list contains all items authorized for initial stockage for third-echelon maintenance and supply support to second echelon.

e. For fourth echelon, this list contains those items authorized for initial stockage for fourth-echelon maintenance.

f. For prices of the Ordnance items listed herein, see the appropriate supply manual of the SM 9-2 series. Prices of items that are the responsibility of technical services other than Ordnance may be obtained from the appropriate type 2 supply manuals for those services.

g. Additional applications of items in this manual are listed in the supply manuals of the SM 9-3 series.

2. Requisition Notes

a. If the exact item requisitioned is not furnished, or if other action is necessary, the exact nature of the action taken by the supplying

*This manual supersedes ORD 7-8 SNL B-8, 7 October 1957 and ORD 9 SNL B-8, 16 February 1945, including C1, 19 February 1946.



agency will be indicated by standard symbols on prescribed forms.

b. When requisitioning an item, the requesting agency will order the *listed* item. However, the supply agencies will take necessary action to issue the exhaust stock item until stock is exhausted, whether it be an individual item, kit, set, or assembly.

3. Explanation of Columns.

a. *Source, Maintenance, and Recoverability Code.* This column lists a code that indicates the selection status and source of supply of the repair part, the lowest echelon capable of installing or manufacturing the repair part, and the recoverability and expendability aspects of the repair part. An example of this code is P, O, F, and NR. The P indicates that the item is a mission stockage list repair part that is procured and stocked on a national program basis, the O indicates that the repair part is authorized to first and second echelons, the F indicates that the repair part is authorized to field maintenance, third (3d) echelon level, and the NR indicates that the repair part is a nonexpendable and recoverable item. When repair parts supply responsibility has been assigned to a technical service other than Ordnance, the basic number of the supply technical service is listed in the first position of the source code, for example, 11 for a Signal Corps item. Refer to paragraph 6 for an explanation of all codes appearing in this manual.

b. *Federal Stock Number.* This column lists the Federal stock number which has been assigned by the Cataloging Division, Armed Forces Supply Support Center.

c. *Description.* This column lists the Federal item name (shown in capital letters) and any additional description required for supply operations. The abbreviation w/e (with equipment) when used as a portion of the nomenclature indicates that the major item or major combination includes all armament, equipment, accessories, and repair parts issued with the item. The technical service or manufacturer's part number is also included for reference.

d. *Unit of Issue.* This column lists the minimum quantity that will be supplied. All items are considered as *each* except where the unit of issue shown as ft., in., etc., such as bulk materials, the requisition should indicate the

exact amount that is required, for example, 6 ft.

e. *Quantity Incorporated in Unit.* This column lists the quantity of each listed part incorporated in the bayonets or scabbards. The total quantity of each part incorporated in the end item is listed in the part number index.

f. *Quantity Authorized.* This column lists the quantity of the listed item authorized for stockage by first echelon.

g. *15-Day Maintenance Allowance per 100 Equipments.*

(1) This column lists an allowance factor which is based on the latest mortality data and is the estimated average quantity to provide maintenance and, where applicable, supply support for 100 equipments for a 15-day period under combat conditions. A decimal fraction system is used to express the allowance factors.

(2) Since the allowance factors are based on 100 equipments, it is necessary to compute the exact quantity authorized. This quantity is determined by use of a simple mathematical formula. Resulting fractional values of 0.5 or larger will be rounded to the next higher whole number. Fractional values below 0.5 will be rounded to the next lower whole number.

Example 1: If the number of equipments supported is 30 and the allowance factor for 100 equipments is 1.9, the following computation would be made:

$$\begin{array}{r} 30 \times 1.9 \\ \hline 100 \end{array} = 0.57$$

Since the resulting figure is larger than 0.5, the echelon would be authorized a quantity of 1.

Example 2: If the number of equipments supported is 89 and the allowance factor for 100 equipments is 3.4, the following computation would be made:

$$\begin{array}{r} 89 \times 3.4 \\ \hline 100 \end{array} = 3.026$$

In this instance, the result is rounded to the next lower whole number since the fractional value is less than 0.5 and the echelon would be authorized a quantity of 3.

- (3) Additional repair parts which may be required for performing maintenance, but are not authorized for stockage in the prescribed load, are listed with no allowance factors shown. These parts are identified by an asterisk (*) in the allowance column and are to be requisitioned as required for immediate use only.
- (4) The quantity determined in accordance with (2) above represents the initial stockage for a 15-day period. Major commanders will prescribe the period of time that will be used to compute stockage for each echelon.
- (5) Field supply units (fourth-echelon tables of equipment supply companies and posts, camps, and stations) will compute their loads considering the number of Ordnance units to be supported and/or major item density, and utilizing figures in the field maintenance column.
- (6) In order that the Ordnance Corps at large may be able to make equitable distribution of the total stock of any one item, Ordnance organization commanders should limit their requisitions and stocks to the absolute minimum requirements that are estimated to be necessary for each contemplated tactical operation. The chief Ordnance officer of a force is responsible that various Ordnance units in the force do not use the same items in computing their stocks; for example, if there is a grand total of 168 bayonets and scabbards in the entire force, each Ordnance unit in the force should not claim the entire 168 bayonets and scabbards as a basis for computing its stocks. The chief Ordnance officer must allocate, for repair-parts-stockage purposes, the number of items in the force among the various units. See supply func-

tions of the company, FM 9-3 and FM 9-4.

h. Illustration. This column indicates the figure number of the illustration that depicts the item. When more than one item appears on an illustration, the item number is also indicated. Items that appear on the illustrations and in the legends of the illustrations but which are not listed in the tabular listing are non-repair parts and are not authorized.

4. Special Information

The bayonet-knife M4 and bayonet-knife scabbard M8A1 are used with the carbine. The bayonet-knives M5 and M5A1 and bayonet-knife scabbard M8A1 are used with the cal. .30 U. S. rifle M1. The bayonet-knife M6 and bayonet-knife scabbard M8A1 are used with the 7.62-mm rifle M14.

5. Abbreviations

dia	-----	diameter
fil-hd	-----	fillister head
fl-fil-hd	-----	flat fillister head
fl-fin-hd	-----	flat finish head
gal	-----	gallon (s)
hr	-----	hour (s)
int-teeth	-----	internal teeth (lockwasher)
lg	-----	long (length)
lh	-----	left hand
max	-----	maximum
mtg	-----	mounting (s)
NC	-----	American National Coarse Thread
nom	-----	nominal
od	-----	outside diameter (dimension)
phos-ctd	-----	phosphate coated
phos-fin	-----	phosphate finish
rh	-----	right hand
S	-----	steel
UNC	-----	Unified Coarse Thread
w	-----	wide, width

6. Explanation of Codes

a. Technical Service Number.

Code	Technical Service
5	Corps of Engineers
12	Adjutant General

Note. Items not coded in this column are considered (9) Ordnance items.

b. Source.

Code	Explanation
P	Applied to repair parts which are high mortality parts procured by technical services, stocked in and

supplied from the technical service depot system, and authorized for use at indicated maintenance echelons.

P1 Applied to repair parts which are low mortality parts procured by technical services, stocked only in and supplied from technical service key depots, and authorized for installation at indicated maintenance echelons.

c. Maintenance Level.

<i>Code</i>	<i>Explanation</i>
O	Assigned to all repair parts authorized to first (1st) and second (2d) echelons.
F	Assigned to repair parts authorized

to field maintenance, third (3d) echelon level.

d. Recoverability.

<i>Code</i>	<i>Explanation</i>
NR	Indicates a repair part or assembly that is <i>nonexpendable</i> and <i>recoverable</i> and is economically repairable.

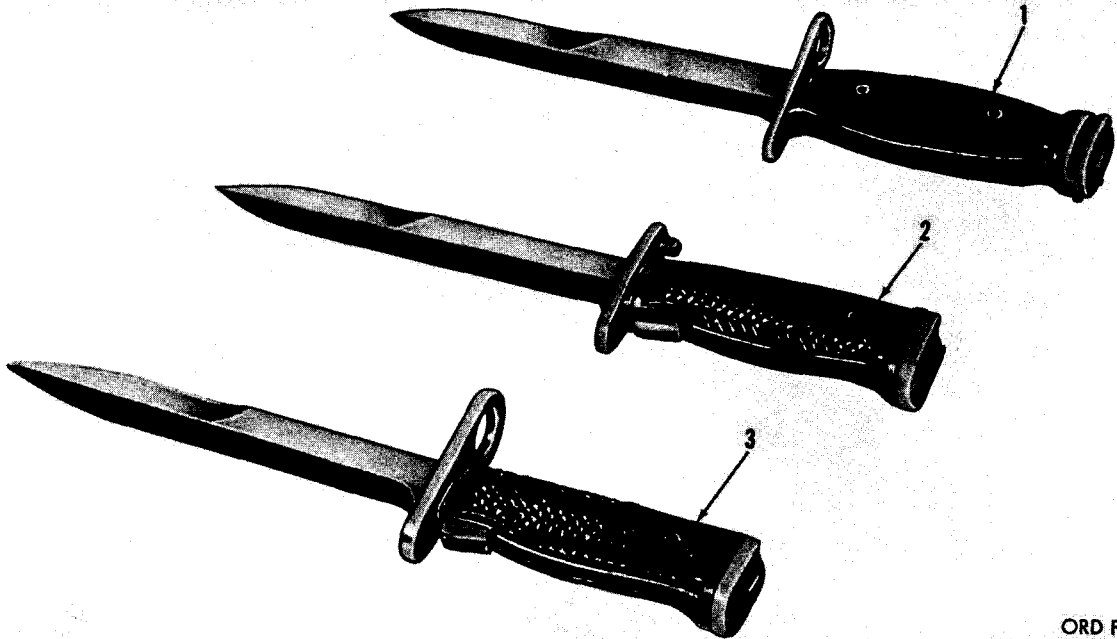
7. Suggestions and Recommendations

Notice of discrepancies and recommendations for additions and deletions of repair parts and special tools should be forwarded on DA Form 2028 direct to the Commanding Officer, Raritan Arsenal, Metuchen, N. J., ATTN: ORDJR-OPRA.

SECTION II

REPAIR PARTS AND SPECIAL TOOLS

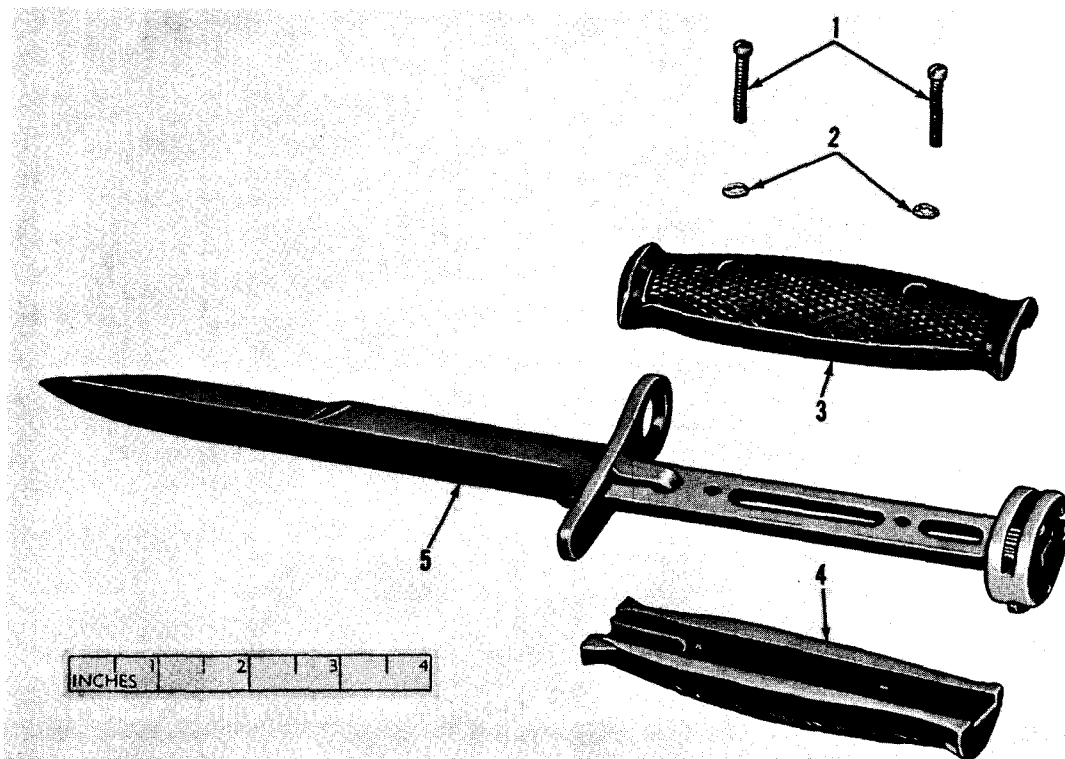
(1) Source, Maintenance, and Recoverability Code				(2) Federal Stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) Quantity Authorized	(7) 15-Day maintenance allowance per 100 equipments			(8) Illustration		
(a) Technical Service No.	(b) Source	(c) Maintenance Level	(d) Recoverability						(a) Company or Battery	(b) 3d Echelon (direct support)	(c) 4th Echelon (general support)	(a) Figure No.	(b) Item No.	
MAJOR ITEMS					The following items are requisitioned for initial issue only.									
			NR	1005-716-0944	BAYONET-KNIFE, M4 (7160944).	1	--	--	--	--	--	1	1	
			NR	1005-726-6556	BAYONET-KNIFE, M5 (7266556).	1	--	--	--	--	--	1	2	
			NR	1005-336-8568	BAYONET-KNIFE, M5A1 (7267810).	1	--	--	--	--	--	1	2	
			NR	1005-722-3097	BAYONET-KNIFE, M6 (7267616).	1	--	--	--	--	--	1	3	
			NR	1095-508-0339	SCABBARD, BAYONET-KNIFE, M8A1 (7268112).	1	--	--	--	--	--	6		



ORD F1262

Figure 1. Bayonet-knife M4, M5, M5A1, and M6.

(1) Source, Maintenance, and Recoverability Code				(2) Federal Stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) Quantity Authorized Company or Battery	(7) 15-Day maintenance allowance per 100 equipments			(8) Illustration	
(a) Technical Service No.	(b) Source	(c) Maintenance Level	(d) Recoverability						(a)	(b)	(c)	(a) Figure No.	(b) Item No.
	P	F	--	1005-389-8132	REPAIR PARTS FOR: Bayonet-Knife, M4 GRIP, BAYONET-KNIFE: lh, knurled, plastic, 1¼ w, 4.259 lg, 2 mtg holes, 3/16 dia (7266828).	1	1	--	--	1.0	1.0	2	4
	P	F	--	1005-389-8131	GRIP, BAYONET-KNIFE: rh, knurled, plastic, 1¼ w, 4.259 lg, 2 mtg holes, 3/16 dia (7266827).	1	1	--	--	1.0	1.0	2	3
	P	O	--	5305-013-1912	SCREW, MACHINE: S, phos-ctd, fil-hd, no. 6 (0.138)-32NC-2A, ¾ lg (131912).	2	2	--	*	0.6	0.2	2	1
	P	O	--	5310-013-8528	WASHER, LOCK: S, phos-ctd, int-teeth, no. 6 screw size (138528).	2	2	--	*	0.6	0.2	2	2

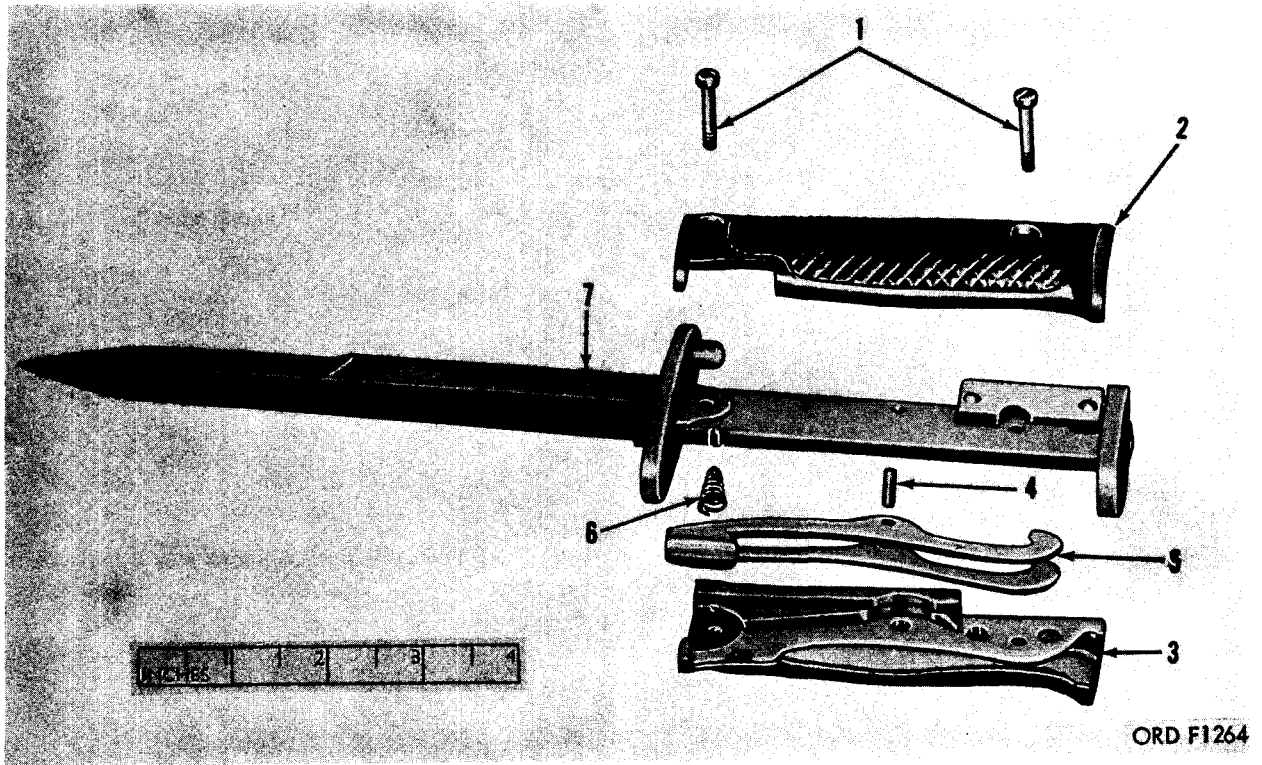


ORD F1263

5—Blade, group, assembly 7266829

Figure 2. Bayonet-knife M4—partial exploded view.

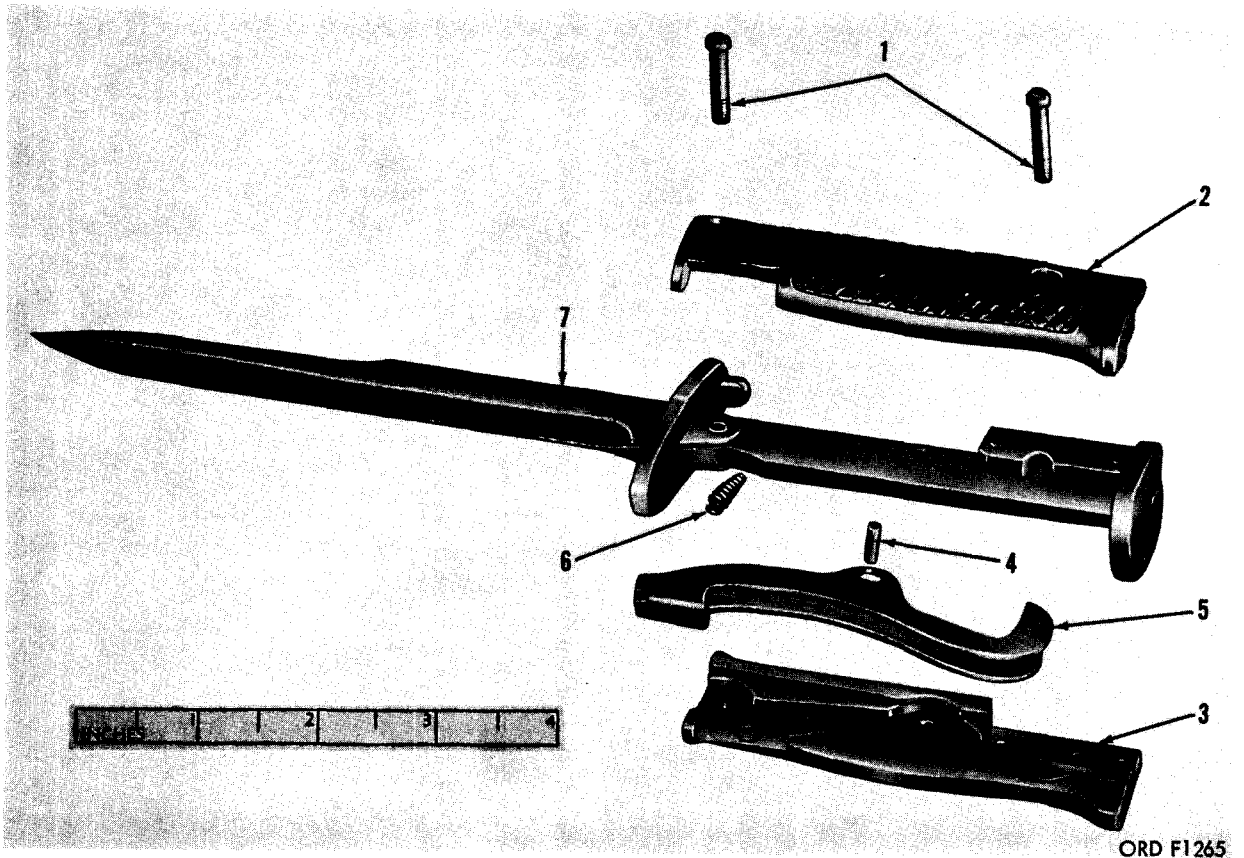
(1) Source, Maintenance, and Recoverability Code				(2)	(3)	(4)	(5)	(6)	(7) 15-Day maintenance allowance per 100 equipments			(8) Illustra- tion	
(a) Technical Service No.	(b) Source	(c) Maintenance Level	(d) Recoverability	Federal Stock No.	Description	Unit of issue	Quantity incorporated in unit	Quantity Authorized	(a) Company or Battery	(b) 3d Echelon (direct support)	(c) 4th Echelon (general support)	(a) Figure No.	(b) Item No.
REPAIR PARTS FOR—Continued:													
Bayonet-Knife, M5													
P	F	--		1005-726-6553	GRIP, BAYONET-KNIFE: lh, plastic, knurled, 4.216 over-all lg, 2 mtg holes, 0.140 dia (7266553).	1	1	--	--	1.0	1.0	3	2
P	F	--		1005-726-6552	GRIP, BAYONET-KNIFE: rh, plastic, knurled, 4.216 over-all lg, 2 mtg holes, 0.140 dia (7266552).	1	1	--	--	1.0	1.0	3	3
P	F	--		1005-726-6551	LEVER, LATCHING: (7266551)	1	1	--	--	1.0	1.0	3	5
P	O	--		5315-058-6077	PIN, SPRING: S, phos-ctd, 0.125 nom dia, 0.375 lg (586077).	1	1	--	*	0.6	0.2	3	4
P	F	--		5305-726-6548	SCREW, MACHINE: fl-fil-hd, slot drive, no. 6-32UNC-2A, 0.754 lg (7266548).	1	2	--	--	1.0	1.0	3	1
P	F	--		1005-726-6545	SPRING, HELICAL, COM- PRESSION: S, 0.031 stk dia, 33/64 free lg, 9/32 free od, 7 total coils (7266545).	1	1	--	--	1.0	1.0	3	6



7—Blade assembly 7266555

Figure 3. Bayonet-knife M5—partial exploded view.

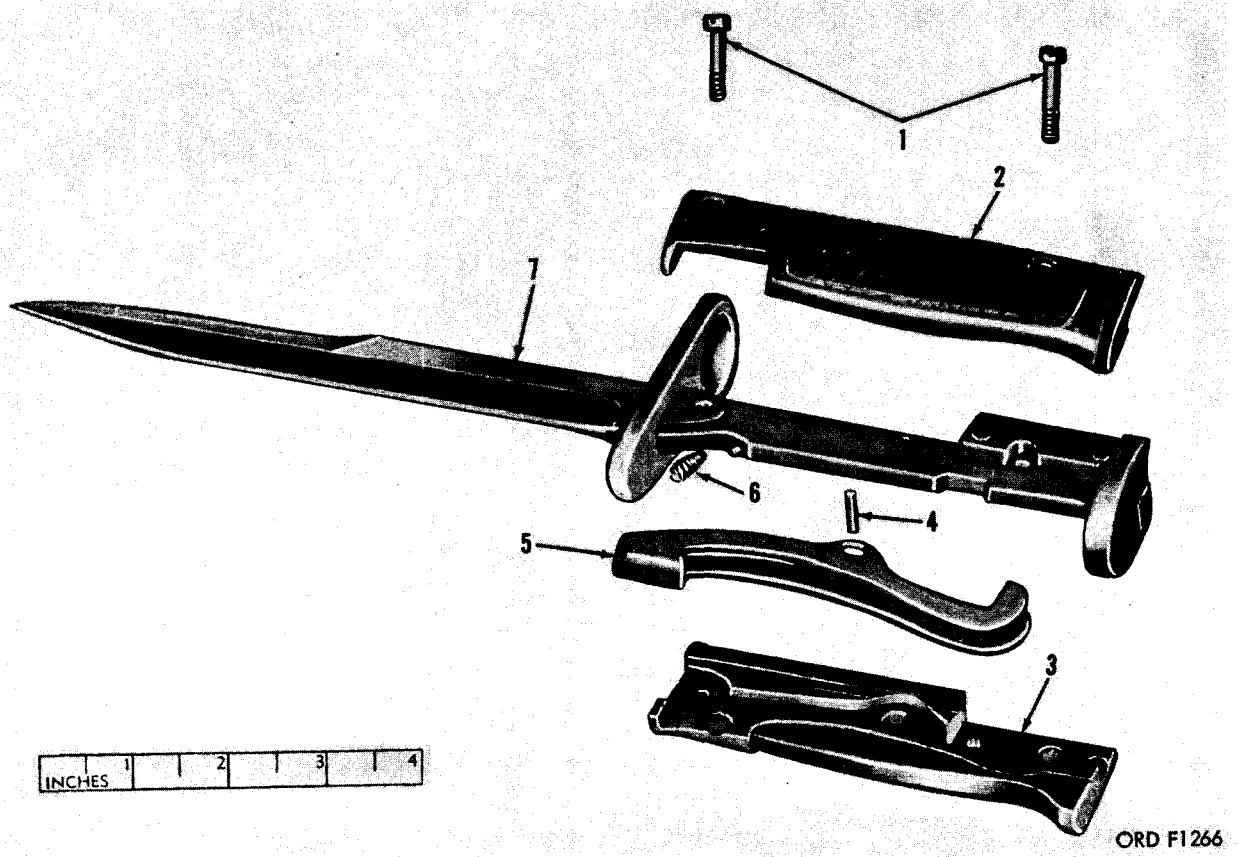
(1) Source, Maintenance, and Recoverability Code				(2)	(3)	(4)	(5)	(6)	(7) 15-Day maintenance allowance per 100 equipments			(8) Illustration	
(a) Technical Service No.	(b) Source	(c) Maintenance Level	(d) Recoverability	Federal Stock No.	Description	Unit of issue	Quantity incorporated in unit	Quantity Authorized	(a) Company or Battery	(b) 3d Echelon (direct support)	(c) 4th Echelon (general support)	(a) Figure No.	(b) Item No.
					REPAIR PARTS FOR—Continued:								
					Bayonet-Knife, M5A1								
	P	O	--	1055-333-3578	GRIP, BAYONET-KNIFE: lh, plastic, knurled, 4.216 over-all lg (7267653).	1	1	--	*	0.6	0.2	4	2
	P	O	--	1005-333-3577	GRIP, BAYONET-KNIFE: rh, plastic, knurled, 4.216 over-all lg (7267652).	1	1	--	*	0.6	0.2	4	3
	P	O	--	1055-333-3576	LEVER, LATCHING: (7267648)	1	1	--	*	0.6	0.2	4	5
	P	O	--	5315-058-6077	PIN, SPRING: S, phos-ctd, 0.125 nom dia, 0.375 lg (586077).	1	1	--	*	0.6	0.2	4	4
	P	F	--	5305-726-6548	SCREW, MACHINE: phos-fin. fl-fil-hd, slot drive, no. 6-32UNC-2A, 0.754 lg (7266548).	2	2	--	--	1.0	1.0	4	1
	P	O	--	1005-333-3575	SPRING, HELICAL, COMPRESSION: S, 0.035 stk dia, 0.550 free lg, 0.195 free od, 8½ coils (7267645).	1	1	--	*	0.6	0.2	4	6



7—Blade assembly 7267811

Figure 4. Bayonet-knife M5A1—partial exploded view.

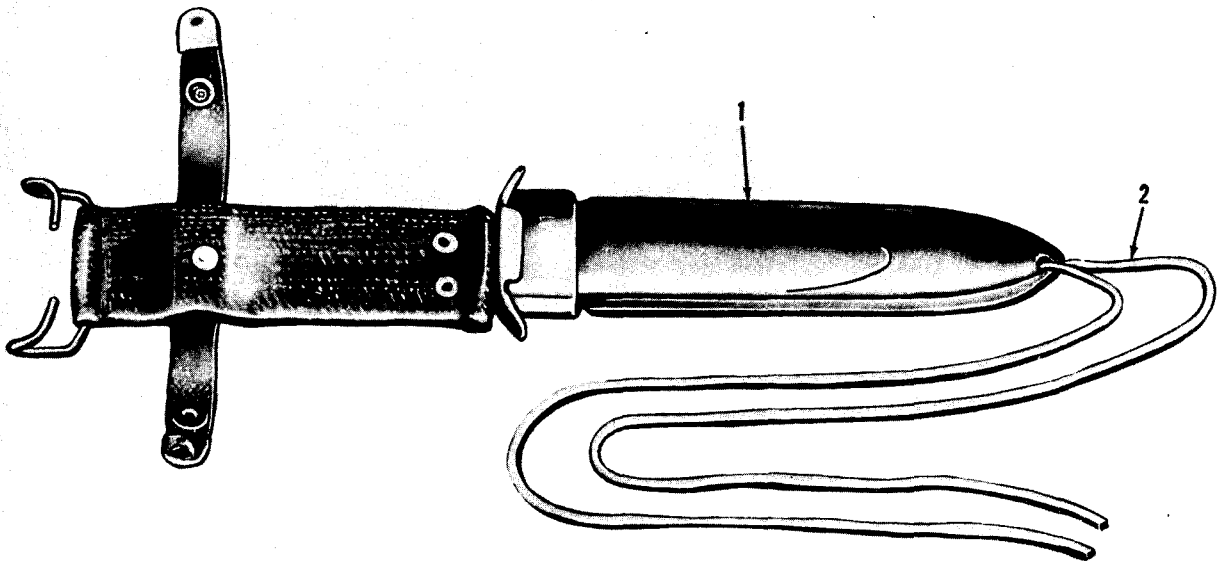
(1) Source, Maintenance, and Recoverability Code				(2) Federal Stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) Quantity Authorized	(7) 15-Day maintenance allowance per 100 equipments			(8) Illustration	
(a) Technical Service No.	(b) Source	(c) Maintenance Level	(d) Recoverability						(a) Company or Battery	(b) 3d Echelon (direct support)	(c) 4th Echelon (general support)	(a) Figure No.	(b) Item No.
					REPAIR PARTS FOR—Continued:								
	P1	O	--	1005-333-3578	Bayonet-Knife, M6 GRIP, BAYONET-KNIFE: lh, plastic, knurled, 4.216 over-all lg (7267653).	1	1	--	*	0.6	0.2	5	2
	P1	O	--	1005-333-3577	GRIP, BAYONET-KNIFE: rh plastic, knurled, 4.216 over-all lg (7267652).	1	1	--	*	0.6	0.2	5	3
	P	O	--	1005-333-3576	LEVER, LATCHING: (7267648).	1	1	--	*	0.6	0.2	5	5
	P1	O	--	5315-058-6077	PIN, SPRING: S, phos-fin., 0.125 nom dia, 0.375 lg (586077).	1	1	--	*	0.6	0.2	5	4
	P	O	--	5305-726-6548	SCREW, MACHINE: S, phos-fin., fl-fin-hd, slot drive, no. 6-32UNC-2A, 0.754 lg (7266548).	1	2	--	*	1.0	1.0	5	1
	P1	O	--	1005-333-3575	SPRING, HELICAL, COMPRESSION: S, 0.035 stk dia, 0.550 free lg, 0.195 free od, 8½ total coils (7267645).	1	1	--	*	0.6	0.2	5	6



7—Blade assembly 7267649

Figure 5. Bayonet-knife M6—partial exploded view.

(1) Source, Maintenance, and Recoverability Code				(2) Federal Stock No.	(3) Description	(4) Unit of Issue	(5) Quantity Incorporated In Unit	(6) Quantity Authorized	(7) 15-Day maintenance allowance per 100 equipments			(8) Illustration	
(a) Technical Service No.	(b) Source	(c) Maintenance Level	(d) Recoverability						(a) Company or Battery	(b) 3d Echelon (direct support)	(c) 4th Echelon (general support)	(a) Figure No.	(b) Item No.
	P	O	--	1005-300-5378	REPAIR PARTS FOR—Continued: Scabbard, Bayonet-Knife, M8A1 LACE, RESTRAINING, SCABBARD: 52 lg (7267136).	1	1	--	*	0.6	0.2	6	2



ORD F1331

1—Body assembly 7268111

Figure 6. Bayonet-knife scabbard M8A1.

(1) Source, Maintenance, and Recoverability Code				(2) Federal Stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) Quantity Authorized	(7) 15-Day maintenance allowance per 100 equipments			(8) Illustration	
(a) Technical Service No.	(b) Source	(c) Maintenance Level	(d) Recoverability						(a) Company or Battery	(b) 3d Echelon (direct support)	(c) 4th Echelon (General support)	(a) Figure No.	(b) Item No.
					<p align="center">TOOLS AND EQUIPMENT</p> <p>There are no special tools required for the maintenance of the major items covered in this manual.</p> <p align="center">MATERIAL ISSUED BY OTHER TECHNICAL SERVICES</p> <p>The following items are issued by the Adjutant General in accordance with distribution formula and AR-310-1. Additional copies, when required, shall be requisitioned from the Adjutant General.</p> <p>12 -- -- -- ----- Field Manual, FM 23-25 12 -- -- -- ----- Technical Manual, TM 9-2200 12 -- -- -- ----- Technical Manual, TM 9-1005-223-12</p> <p align="center">APPLICABLE CLEANING AND PRESERVING MATERIALS</p> <p>The following item, unless otherwise indicated, is requisitioned as required.</p> <p>ENAMEL: lusterless, 8 hr max air dry hard time (TT-E-527) (For touch up of scabbards)</p> <p>5 -- -- -- 8010-297-0560 1 gal can -----</p> <p>NOTE. See pertinent rifle technical manuals for additional cleaning and preserving materials.</p>								

PART NUMBER INDEX

(1) Part No.	(2) Federal stock No.	(3) Illustration		(4) Total qty.	(1) Part No.	(2) Federal stock No.	(3) Illustration		(4) Total qty.
		(a) Fig. No.	(b) Item No.				(a) Fig. No.	(b) Item No.	
131912	5305-013-1912	2	1	2	7266829	-----	2	5	1
138528	5310-013-8528	2	2	2	7267136	1005-300-5378	6	2	1
586077	5315-058-6077	3	4	3	7267616	1005-722-3097	1	3	2
		4	4		7267645	1005-333-3575	4	6	
		5	4		7267648	1005-333-3576	5	6	
		1	1		7267649	-----	4	5	
7160944	1005-716-0944	1	1	1	7267648	1005-333-3576	4	5	2
7266545	1005-726-6545	3	6	1	7267649	-----	5	5	2
7266548	5305-726-6548	3	1	6	7267652	1005-333-3577	5	7	1
		4	1		4	3	2		
		5	1		5	3	2		
		3	5		7267653	1005-333-3578		4	2
		3	3		7267810	1005-336-8568		5	2
7266551	1005-726-6551	3	5	1	7267810	1005-336-8568	1	2	2
7266552	1005-726-6552	3	3	1	7267811	-----	4	7	
7266553	1005-726-6553	3	2	1	7268111	-----	6	1	1
7266555	-----	3	7	1	7268112	1095-508-0339	6	1	1
7266556	1005-726-6556	1	2	1					
7266827	1005-389-8131	2	3						
7266828	1005-389-8132	2	4						

STOCK NUMBER INDEX

(1) Federal stock No.	(2) Part No.	(3) Illustration		(1) Federal stock No.	(2) Part No.	(3) Illustration	
		(a) Fig. No.	(b) Item No.			(a) Fig. No.	(b) Item No.
1005-300-5378	7267136	6	2	1005-726-6551	7266551	3	5
1005-333-3575	7267645	4	6	1005-726-6552	7266552	3	3
1005-333-3576	7267648	4	5	1005-726-6553	7266553	3	2
		5	5	1005-726-6556	7266556	1	2
		4	3	1095-508-0339	7268112	6	
1005-333-3577	7267652	4	3	5305-013-1912	131912	2	1
1005-333-3578	7267653	5	3	5305-726-6548	7266548	3	1
		4	2			4	1
		5	2			5	1
1005-336-8568	7267810	1	2			2	2
1005-389-8131	7266827	2	3	5310-013-8528	138528		
1005-389-8132	7266828	2	4	5315-058-6077	586077	3	4
1005-716-0944	7160944	1	1			4	4
1005-722-3097	7267616	1	3			5	4
1005-726-6545	7266545	3	6	8010-297-0560			

By Order of the Secretary of the Army:

G. H. DECKER,
General, United States Army,
Chief of Staff.

Official:

R. V. LEE,
Major General, United States Army,
The Adjutant General.

Distribution:

Active Army:

To be distributed in accordance with DA Form 12-7 requirements for TM 9-series (UNCL) plus the following:

DCSLOG (1)	Corps (2)
Tech Stf, DA (1) except	Div (2)
CofOrd (9)	Bde (2)
USASA (1)	Regt/Gp/Bg (2)
CNGB (1)	Bn (2)
US ARADCOM (2)	Co (2)
US ARADCOM Rgn (2)	JUSMAGG (2)
MDW (1)	JBUSMC (2)
Seventh US Army (3)	Raritan Arsenal (33)
EUSA (3)	

NG: State AG (3); Units—Same as Active Army except allowance is one copy to each unit.

USAR: None.

For explanation of abbreviations used, see AR 320-50.